

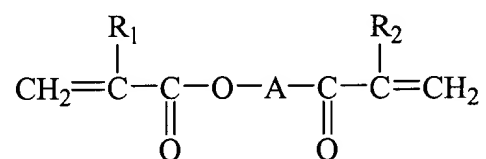
I. Listing of the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-27 (canceled).

28. (previously presented): A polymerized monomeric composition comprising:

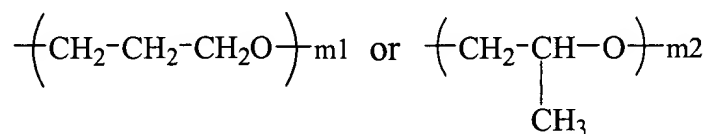
(a) from 35 to 70 parts by weight of one or more monomers (I) comprising a formula:



wherein

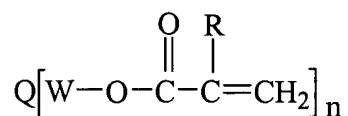
R₁ and R₂ represent H or CH₃,

A is a divalent moiety of formula:



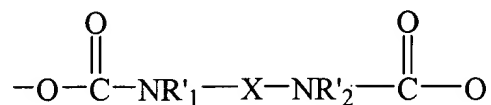
m₁ and m₂ each are an integer in the range of 4 to 20;

(b) from 5 to 50 parts by weight of one or more monomers (II) comprising a formula:



wherein

Q moiety is a divalent moiety comprising a formula:



wherein X represents a straight or a branched divalent alkyl chain comprising 1 to 12 carbon atoms and R'₁ and R'₂, independent from one another, represent H or CH₂;

W is a divalent alkyl moiety, with a straight or branched structure, comprising 1 to 5 carbon atoms;

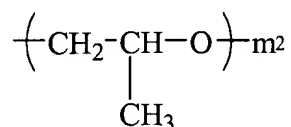
n varies from 2 to 4;

R represents H or CH₃; and

R¹ represents H or a valence link; and

- (c) from 5 to 40 parts by weight of a monomer (III) with a high Abbe number comprising at least one non aromatic cyclic or polycyclic hydrocarbon moiety and further comprising one or more methacrylate functions, the total of the monomers (I), (II), and (III) representing 100 parts by weight.

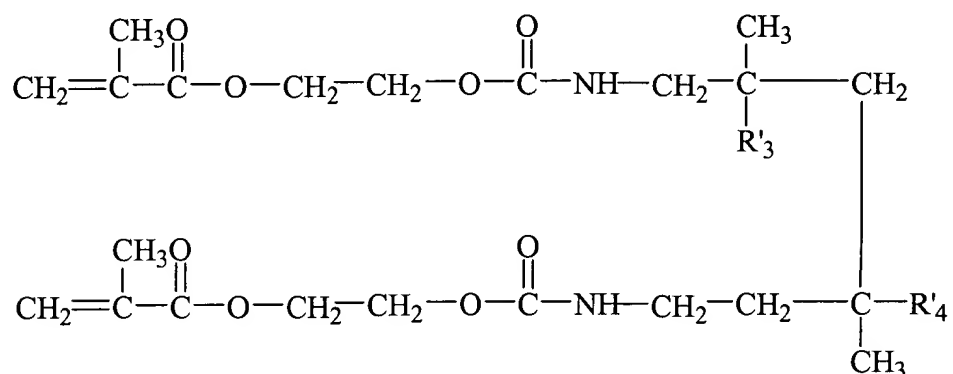
29. (previously presented): The composition of claim 28, wherein in the monomer of formula (I), said divalent A represents:



wherein m₂ is an integer in the range of 4 to 20.

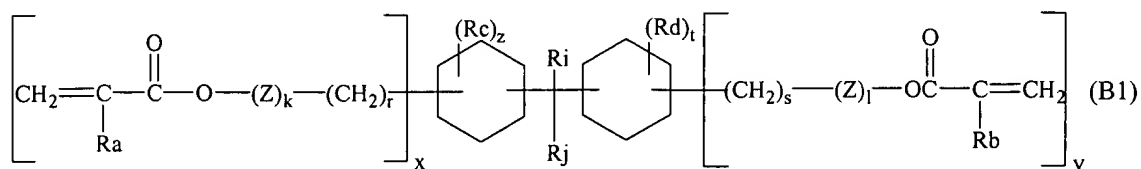
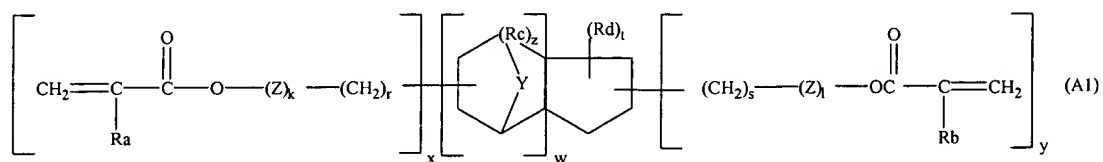
30. (previously presented): The composition of claim 28, further defined as comprising from 40 to 60 parts by weight of monomers (I)

31. (previously presented): The composition of claim 28, wherein m_1 and m_2 are integers from 5 to 10.
32. (previously presented): The composition of claim 28, wherein W is $-\text{CH}_2\text{CH}_2-$
33. (previously presented): The composition of claim 28, wherein the monomer (II) comprises a formula:



wherein R'_3 and R'_4 represent, independently from one another, H or CH_2 .

34. (previously presented): The composition of claim 28, further defined as comprising 30 to 40 parts by weight of monomer (II).
35. (previously presented): The composition of claim 28, wherein the monomer (III) comprises a formula:




$$(Rc)_z \text{---} \left[(CH_2)_r(Z)_k \text{---} O \text{---} C(=O) \text{---} C(Ra)=CH_2 \right]_y \quad (D1)$$

Y is a divalent moiety of $-O-$, $-(CH_3)_2-$, $-CH(CH_3)-$;

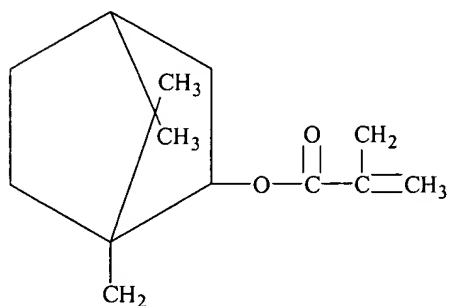
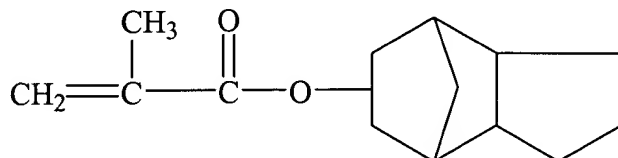
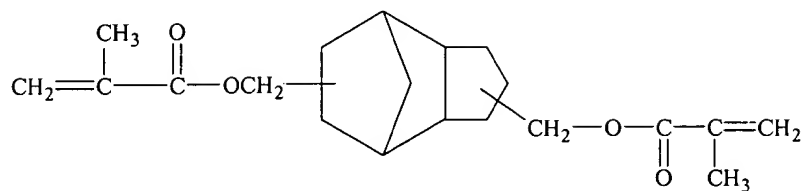
Z is a divalent moiety of $-(CH_2)_p-O-$ or

R_a, R_b represent, independently from one another, H or CH₃;

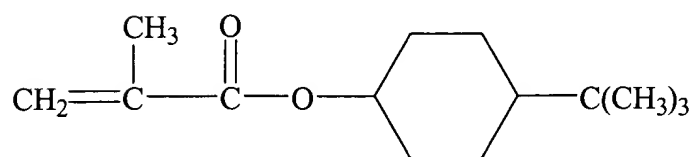
R_i, R_j represent, independently from one another, a straight or a branched alkyl moiety comprising from 1 to 10 carbon atoms;

w is an integer of 1 to 3, x is an integer of 0 to 3, y is an integer of 0 to 3, providing that $x + y$ is equal to or higher than 1, k is an integer of 0 to 6, l is an integer of 0 to 6, r is an integer of 0 to 6, s is an integer of 0 to 6, z is an integer of 0 to 3 and t is an integer of 0 to 3.

36. (previously presented): The composition of claim 35, wherein the monomer (III) comprises a formula:



or



37. (previously presented): The composition of claim 28, further defined as comprising from 10 to 30 parts by weight of monomer (III).
38. (previously presented): The composition of claim 28, wherein monomers (II) and (III) each provide, through homopolymerization, a homopolymer with a refraction index lower than or equal to 1.54.

39. (previously presented): The composition of claim 28, further defined as comprising one or more monomers (IV) polymerizable by radical mechanism and that are different from the monomers (I), (II), and (III), in a proportion of 0 to 40% by weight based on the total weight of monomers (I), (II), and (III).
40. (previously presented): The composition of claim 39, wherein the monomer (IV) is such that its homopolymer has a refraction index lower than or equal to 1.54.
41. (previously presented): The composition of claim 28, wherein X represents a straight or a branched divalent alkyl chain comprising from 1 to 5 carbon atoms.
42. (previously presented): The composition of claim 28, wherein X represents a straight or a branched divalent alkyl chain comprising from 8 to 12 carbon atoms.
43. (previously presented): The composition of claim 28, wherein further defined as comprising a viscosity lower than or equal to 0.3 Pa.s.
44. (previously presented): A transparent polymer substrate with a refraction index varying between 1.48 and 1.52, wherein the polymer substrate is obtained through polymerization of the composition of claim 28.
45. (previously presented): An optical lens comprising a polymer substrate of claim 43.
46. (previously presented): The optical lens of claim 45, further defined as an ophthalmic lens.
47. (previously presented): The optical lens of claim 46, wherein the lens comprises glass.